

## Application Data Sheet

### **Application Information**

Application number::

Filing Date::

Application Type:: Regular

Subject Matter:: Utility

Suggested classification::

Suggested Group Art Unit::

CD-ROM or CD-R??::

Number of CD disks::

Number of copies of CDs::

Sequence Submission::

Computer Readable Form (CRF)?::

Number of copies of CRF::

Title:: BLOCK-BASED FRAGMENT FILTRATION WITH  
FEASIBLE MULTI-GPU ACCELERATION FOR  
REAL-TIME VOLUME RENDERING ON  
CONVENTIONAL PERSONAL COMPUTER

Attorney Docket Number:: 016285-43.00US

Request for Early Publication:: No

Request for Non-Publication:: No

Suggested Drawing Figure:: 4A

Total Drawing Sheets:: 10

Small Entity?:: Yes

Latin name::

Variety denomination name::

Petition included?:: No

Petition Type::

Licensed US Govt. Agency::

Contract or Grant Numbers One::

Secrecy Order in Parent Appl.: No

### Applicant Information

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Singapore  
Status:: Full Capacity  
Given Name:: Pheng-Ann  
Middle Name::  
Family Name:: Heng  
Name Suffix::  
City of Residence:: Shatin, N.T.  
State or Province of Residence::  
Country of Residence:: Hong Kong SAR  
Street of Mailing Address:: Residence 17, Flat 10C  
Postal Address Line Two:: The Chinese University of Hong Kong  
City of Mailing Address:: Shatin, N.T.  
State or Province of mailing address::  
Country of mailing address:: Hong Kong SAR  
Postal or Zip Code of mailing address::

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Peoples Republic of China  
Status:: Full Capacity  
Given Name:: Yongming  
Middle Name::  
Family Name:: Xie  
Name Suffix::  
City of Residence:: Shatin, N.T.  
State or Province of Residence::  
Country of Residence:: Hong Kong SAR

Street of Mailing Address:: 49 G/F  
Postal Address Line Two:: Chek Nai Ping Village  
City of Mailing Address:: Shatin, N.T.  
State or Province of mailing address::  
Country of mailing address:: Hong Kong SAR  
Postal or Zip Code of mailing address::

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Hong Kong SAR  
Status:: Full Capacity  
Given Name:: Tien-Tsin  
Middle Name::  
Family Name:: Wong  
Name Suffix::  
City of Residence:: Kowloon  
State or Province of Residence::  
Country of Residence:: Hong Kong SAR  
Street of Mailing Address:: Flat 7, 21/F, Block C  
Postal Address Line Two:: King Shan Court  
Postal Address Line Three:: Ngau Chi Wan  
City of Mailing Address:: Kowloon  
State or Province of mailing address::  
Country of mailing address:: Hong Kong SAR  
Postal or Zip Code of mailing address::

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: British National (Overseas)  
Status:: Full Capacity  
Given Name:: Yim-Pan  
Middle Name::  
Family Name:: Chui

**Name Suffix::**

**City of Residence::** Shatin N.T.

**State or Province of Residence::**

**Country of Residence::** Hong Kong SAR

**Street of Mailing Address::** Room 2531

**Postal Address Line Two::** Min Yan Lau

**Postal Address Line Three::** Jat Min Chuen

**City of Mailing Address::** Shatin N.T.

**State or Province of mailing address::**

**Country of mailing address::** Hong Kong SAR

**Postal or Zip Code of mailing address::**

### **Correspondence Information**

**Correspondence Customer Number::** 20350

### **Representative Information**

**Representative Customer Number::** 20350

### **Assignee Information**

**Assignee Name::** The Chinese University of Hong Kong

**Street of mailing address::** c/o Research and Technology Administration  
Office, Room 226 Pi Chiu Building

**City of mailing address::** Shatin, N.T.

**State or Province of mailing address::**

**Country of mailing address::** Hong Kong SAR

**Postal or Zip Code of mailing address::**